

# California OES Weather Threat Briefing

Monday, August 16, 2021  
9:00 AM PDT

**Day 1 (Monday):** Hot temperatures in southern portions of the Inland region and the southern valleys and deserts will lead to moderate to high heat risk impacts. Isolated to widely scattered thunderstorms are possible over the Sierra, northern mountains and southern California. Gusty winds and dry conditions will lead to increased fire weather concerns.

National Weather Service

*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



# **WEATHER KEY POINTS**

**08/16/21 - 08/22/21**

## **Monday-Sunday**

- Heat continues over much of interior southern California into Monday.
  - Moderate to locally high heat risk impacts likely across portions of the San Joaquin Valley and southern deserts through Monday
- Fire weather conditions remain locally elevated most afternoons and evenings across the foothills and mountains where winds will occasionally gust 25 to 30 mph
  - Gusty winds may be stronger and more widespread Monday and Tuesday with the next weather system moving through, though no widespread impacts are expected.
- Isolated showers and thunderstorms are possible primarily over the mountains through Tuesday
  - Gusty thunderstorm winds could also contribute to fire spread
  - Locally heavy rainfall is possible with some storms, though no widespread significant rainfall is expected.
- Periods of thicker wildfire smoke will persist across northern and central California, bringing reduced visibility and air quality at times.



# CALIFORNIA WEATHER IMPACTS

08/16/21 - 08/22/21

<u>Hazards / Day</u>	MON	TUE	WED	THU	FRI	SAT	SUN
<b>Non-Thunderstorm Damaging Winds</b>							
<b>Snow</b>							
<b>Coastal Flooding</b>							
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
<b>Heat Risk</b>	Inland/ Southern	Inland/ Southern					
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>							
<b>Cold</b>							



No Impacts



Minimal Impacts



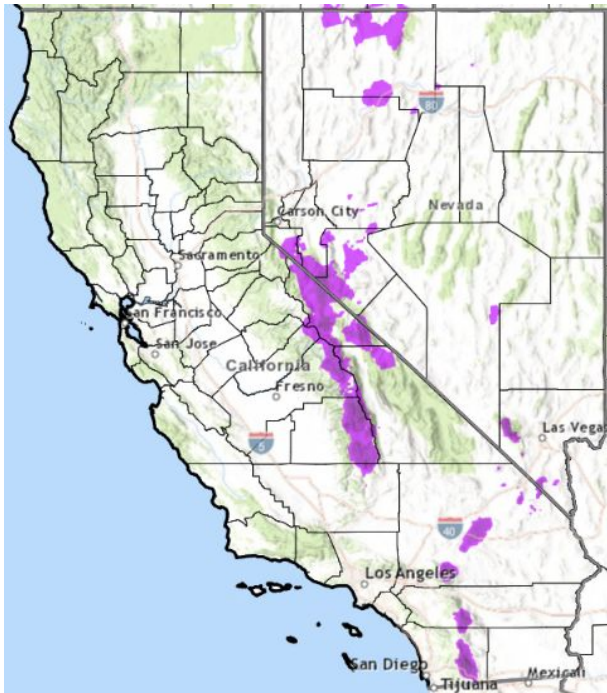
Moderate Impacts



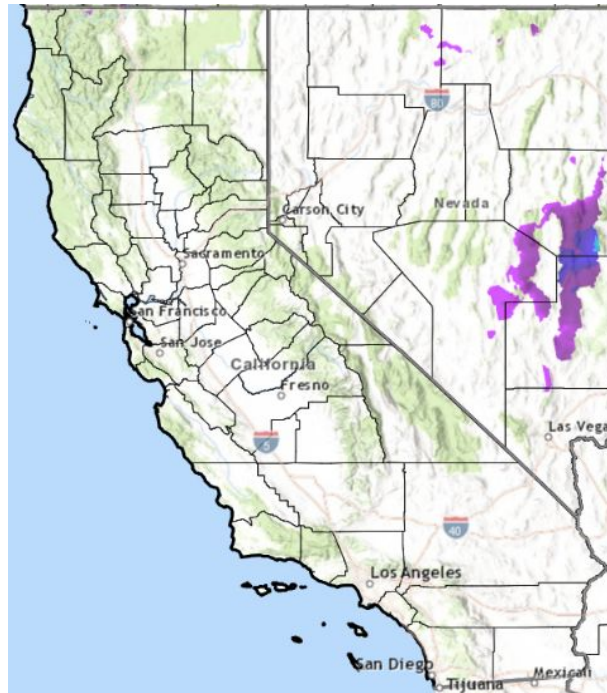
Severe Impacts

# PRECIPITATION FORECAST

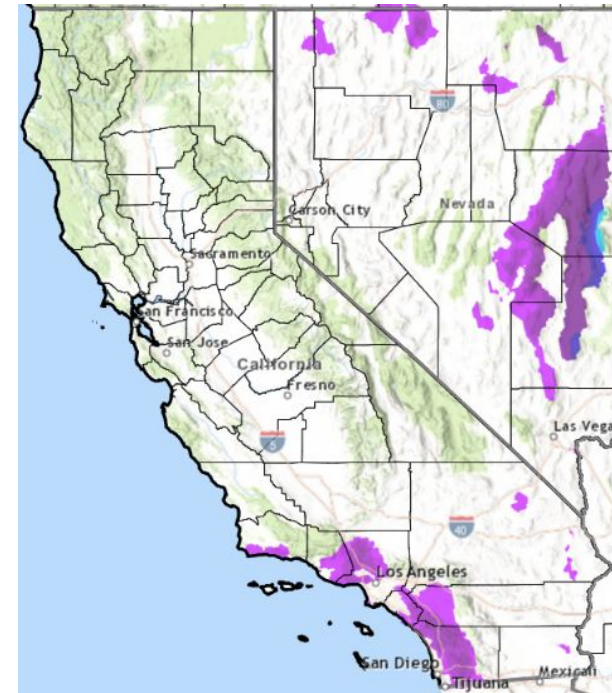
08/16/21 - 08/18/21



Monday



Tuesday



Wednesday

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

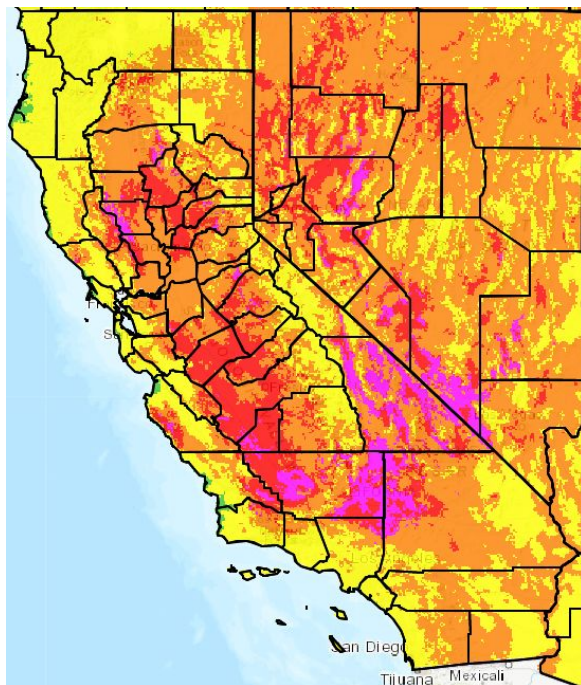
Precipitation (inches)



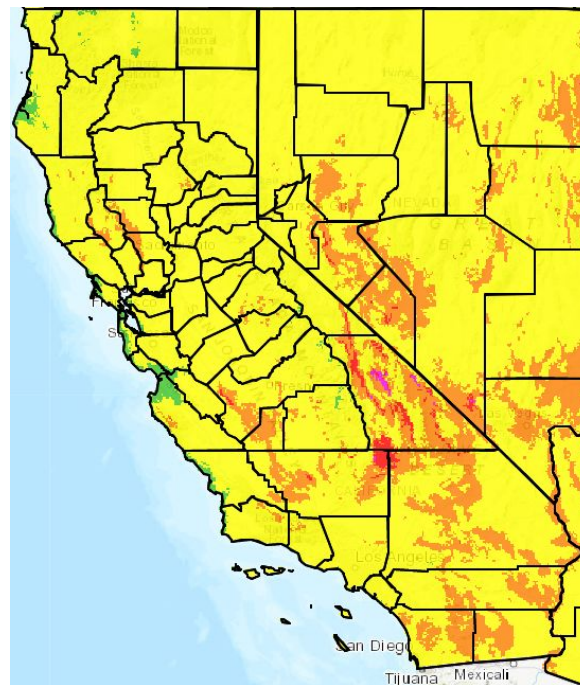


# HEAT RISK FORECAST

08/16/21 - 08/17/21



**Monday**



**Tuesday**

Category	Level	Meaning	Category	Level	Meaning
Green	0	No Elevated Risk	Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration	Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration			



# **WEATHER OUTLOOK**

**08/20/21 - 08/28/21**

## **6-10 Day Outlook (August 20 – August 24)**

### **Temperatures**

- Above normal temperatures are favored across northern and central California, with near to below normal temperatures favored in southern California

### **Precipitation**

- Near normal precipitation is favored across western California, with below normal precipitation favored across eastern, far northern and southern California.

## **8-14 Day Outlook (August 22 – August 28)**

### **Temperatures**

- Above normal temperatures are favored statewide

### **Precipitation**

- Near normal precipitation is favored across western California, with below normal precipitation favored across eastern, far northern and southern California.



Information provided by:

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